PYQSide

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JEE MAIN MOVING CHARGES AND MAGNETISM — FORCE BETWEEN TWO PARALLEL CURRENTS, DEFINITION OF AMPERE — PYQS

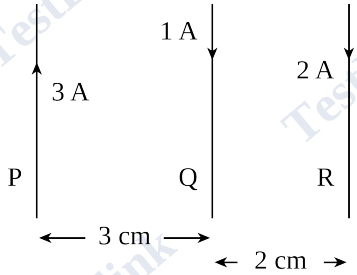
Max. Marks: 4 **Questions:** 1

Section A (MCQ) — 1 question

Q.1 Three long straight wires carrying current are arranged mutually parallel as shown in the figure. The force experienced by 15 cm length of wire Q is ____.

($\mu_0 = 4\pi \times 10^{-7}$ T m/A)

[JEE Main 2026 (Online) 28th January Morning Shift]



(1) 6×10^{-6} N towards P (2) 6×10^{-6} N towards R

(3) 6×10^{-7} N towards P (4) 6×10^{-7} N towards R

Scan or tap for the full solution

ANSWER KEY

Ques.	1									
Ans.	2									